

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in *Agrimonia eupatoria***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	AFZELIN	Shoot	16.2	16.2	-1	
5	AGRIMOPHOL	Bud	7900	7900		
10	ALPHA-AMYRIN	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	AMYRIN	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
101	APIGENIN	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
7	ASTRAGALIN	Shoot	22.5	23.6		
47	BETA-SITOSTEROL	Shoot	25	25	-0.9699561923388506	
102	CAFFEIC-ACID	Plant	--	--		
43	CATECHIN	Plant	26000	26000		Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
77	CHLOROGENIC-ACID	Leaf	--	--		Wealth of India.
4	COSMOIIN	Shoot	--	--		
3	CYNAROSIDE	Shoot	--	--		
51	ELLAGIC-ACID	Leaf	--	--		Wealth of India.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
61	FERULIC-ACID	Plant	--	--		
2	GALLO-TANNIN	Root	--	--		
8	GENTISIC-ACID	Plant	--	--		
30	HYPEROSIDE	Flower	3700	3700	-0.4084728900337644	
22	ISOQUERCITRIN	Inflorescence	2100	2100		
5	KAEMPFERIDE	Shoot	18.7	19		
75	KAEMPFEROL	Shoot	23.6	24	-0.33987201397721156	
2	KAEMPFEROL-3-RHAMNOSIDE	Shoot	16.3	16		
78	LUTEOLIN	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
7	LUTEOLIN-7-GLUCOSIDE	Plant	--	--		Wealth of India.
2	NICOTINAMIDE	Leaf	100	300		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
25	P-COUMARIC-ACID	Plant	--	--		
13	P-HYDROXY-BENZOIC-ACID	Plant	--	--		
13	PALMITIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
43	PROTOCATECHUIC-ACID	Plant	--	--		
176	QUERCETIN	Shoot	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
176	QUERCETIN	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
44	QUERCITRIN	Leaf	--	--		List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
44	QUERCITRIN	Flower	--	--		
87	RUTIN	Leaf	--	--		Wealth of India.
87	RUTIN	Inflorescence	1700	1700		
34	SALICYLIC-ACID	Plant	--	--		
1	SILICIC-ACID	Exocarp	120000	120000		
8	STEARIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
35	TANNIN	Bark	--	52800	-0.7722965656367389	Wealth of India.
35	TANNIN	Leaf	50000	80000	-0.37271411437234203	
35	TANNIN	Shoot	30000	80000	1.6607008042164362	
31	THIAMIN	Leaf	2.4	2.4	-1.2305530670420655	Watt, J.M. and Breyer-Brandwijk, M.G. 1962. <i>The Medicinal and Poisonous Plants of Southern and Eastern Africa</i> . E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
89	URSOLIC-ACID	Plant	6000	6000	-0.5090810752075852	List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
24	VANILLIC-ACID	Plant	--	--		